

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT APPLICATION</u>
)	
Inventors: Ching, et al.)	
)	
Application No.: 10/776,334)	Art Unit: 2661
)	
Filed Date: January 28, 2004)	Examiner: Nguyen, B.
)	
Title: ADAPTIVE-ALLOCATION OF I/O BANDWIDTH USING A CONFIGURABLE INTERCONNECT TOPOLOGY)	Customer No.: 38456
)	

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

On August 24, 2006, the Patent Office issued a Notice of Allowance and Fee(s) Due indicating that the issue and publication fees are due on November 24, 2006 for the above-identified patent application ("application"). A copy of the Notice of Allowance is attached.

On September 20, 2006, applicant's attorney reviewed the Transaction History displayed in PAIR for the application and noted that on 08-24-2006 there is a Transaction Description of "Mail Formal Drawings Required". A print-out of the Transaction History is also attached. However, applicant never received a notice of formal drawings required.

A review of the file indicates that in the Office Action dated December 28, 2005, the Examiner accepted the drawings which were filed with the application on January 28, 2004.

Therefore, applicant's attorney believes that formal drawings are **not** required for the application, however, if formal drawings are required it is respectfully requested the USPTO notify the below-identified attorney as soon as possible.

Respectfully submitted,

Date: November 1, 2006

By: /Kirk J. DeNiro/

Kirk J. DeNiro

Reg. No. 35,854

VIERRA MAGEN MARCUS & DENIRO LLP
575 Market Street, Suite 2500
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UNITED STATES PATENT AND TRADEMARK OFFICE

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MARCUS & DENIRO LLP

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Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/24/2006

kirk J. DeNiro, Esq.

Vierra Magen, Marcus, Harmon & DeNiro LLP
685 Market Street
Suite 540
San Francisco, CA 94105

Vierra Magen Marcus & DeNiro

RAMP-01050U50

Action: Issue fee dueDue Date: November 24, 2006

Final Due Date:

Atty: KJD Dkt: SC Verify JM

EXAMINER

NGUYEN, BRIAN D

ART UNIT

PAPER NUMBER

2616

DATE MAILED: 08/24/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,334	01/28/2004	Michael Ching	RAMB-01050U50	3273

TITLE OF INVENTION: ADAPTIVE-ALLOCATION OF I/O BANDWIDTH USING A CONFIGURABLE INTERCONNECT TOPOLOGY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	11/24/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.131 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,334	01/28/2004	Michael Ching	RAMB-010301US0	3273
7590	08/24/2006			
kirk J. DeNiro, Esq. Vierra ,Magen, Marcus, Harmon & DeNiro LLP 685 Market Street Suite 540 San Francisco, CA 94105				EXAMINER NGUYEN, BRIAN D
				ART UNIT 2616 PAPER NUMBER DATE MAILED 08/24/2006

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 181 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 181 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)
	10/766,334	CHING ET AL.
	Examiner Brian D. Nguyen	Art Unit 2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- This communication is responsive to 6/30/06.
- The allowed claim(s) is/are 1,4-16,23-24,31-40,42,17-22,25,27-28,30 (renumbered 1-37, respectively).
- Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - All
 - Some*
 - None
 of the:
 - Certified copies of the priority documents have been received.
 - Certified copies of the priority documents have been received in Application No. _____.
 - Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - hereto or 2) to Paper No./Mail Date _____.
 - including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- Notice of References Cited (PTO-892)
- Notice of Draftsperson's Patent Drawing Review (PTO-948)
- Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/27/06
- Examiner's Comment Regarding Requirement for Deposit
of Biological Material
- Notice of Informal Patent Application (PTO-152)
- Interview Summary (PTO-413),
Paper No./Mail Date 20060731.
- Examiner's Amendment/Comment
- Examiner's Statement of Reasons for Allowance
- Other _____.


 BRIAN NGUYEN
 PRIMARY EXAMINER
7/31/06

EXAMINER'S AMENDMENT

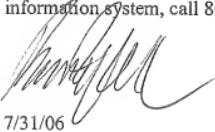
1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Kirk DeNiro on 7/31/06.
3. The application has been amended as follows:

Claim 78, line 2, replace "the data" with --a data packet--.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian D. Nguyen whose telephone number is (571) 272-3084. The examiner can normally be reached on 7:30-6:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on (571) 272-3134. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



7/31/06

BRIAN NGUYEN
PRIMARY EXAMINER

Examiner-Initiated Interview Summary	Application No.	Applicant(s)
	10/766,334	CHING ET AL.
	Examiner Brian D. Nguyen	Art Unit 2616

All Participants:

(1) Brian D. Nguyen.

Status of Application: _____

(3) _____.

(2) Kirk DeNiro.

(4) _____.

Date of Interview: 31 July 2006

Time: _____

Type of Interview:

Telephonic
 Video Conference
 Personal (Copy given to: Applicant Applicant's representative)

Exhibit Shown or Demonstrated: Yes No

If Yes, provide a brief description: _____

Part I.

Rejection(s) discussed:

Claims discussed:

7

Prior art documents discussed:

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

Claim 7 is amended to correct the informalities.

Part III.

It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ADAPTIVE-ALLOCATION OF I/O BANDWIDTH USING A CONFIGURABLE INTERCONNECT TOPOLOGY												
Application Number:	10/766334												
Confirmation Number:	3273												
First Named Applicant:	Michael Ching												
Attorney Docket Number:	RAMB-01050US0												
Art Unit:	2661												
Examiner:	Brian D Nguyen												
Search string:	(20030065845 or 20030221061).pn												
<p>Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.</p>													
<p>US Published Applications</p> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p>													
Init	Cite. No.	Pub. No.	Date	Applicant	Kind	Class	Subclass						
1 BN	1	20030065845	2003-04-03	Riley									
2 BN	2	20030221061	2003-11-27	EI-Batal et al.									
<p>Signature</p> <table border="1"> <tr> <td>Examiner Name</td> <td>Date</td> </tr> <tr> <td>/Brian Nguyen/</td> <td>07/31/2006</td> </tr> </table>										Examiner Name	Date	/Brian Nguyen/	07/31/2006
Examiner Name	Date												
/Brian Nguyen/	07/31/2006												

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Application Number

SUBMIT Order Certificate
 Order History
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10/766,334 ADAPTIVE-ALLOCATION OF I/O BANDWIDTH USING A CONFIGURABLE TOPOLOGY

Application Data	Transaction History	Image File Wrapper	Patent Term Adjustments	Continuity Data	Published Documents	Publication Dates	Attorneys
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Transaction History

Date	Transaction Description
10-03-2006	TC Return to Pubs
09-21-2006	Pubs Case Remand to TC
10-03-2006	Mail Examiner's Amendment
09-28-2006	Examiner's Amendment Communication
09-21-2006	Pubs Case Remand to TC
08-24-2006	Mail Notice of Allowance
08-24-2006	Mail Formal Drawings Required
08-24-2006	Mail Examiner's Amendment
08-08-2006	Formal Drawings Required
08-08-2006	Notice of Allowance Data Verification Completed
08-02-2006	Examiner's Amendment Communication
02-27-2006	Information Disclosure Statement considered
06-30-2006	Miscellaneous Incoming Letter
07-11-2006	Date Forwarded to Examiner
06-30-2006	Response after Non-Final Action
06-30-2006	Request for Extension of Time - Granted
03-21-2006	Case Docketed to Examiner in GAU
02-27-2006	Electronic Information Disclosure Statement
02-24-2006	IFW TSS Processing by Tech Center Complete
12-28-2005	Mail Non-Final Rejection
12-27-2005	Non-Final Rejection
11-12-2004	Information Disclosure Statement considered
12-08-2005	Case Docketed to Examiner in GAU
11-12-2004	Electronic Information Disclosure Statement
06-09-2005	Correspondence Address Change
02-23-2005	Transfer Inquiry to GAU

08-06-2004	Application Return from OIPE
08-06-2004	Application Return TO OIPE
08-06-2004	Application Dispatched from OIPE
08-06-2004	Application Is Now Complete
07-09-2004	Additional Application Filing Fees
07-09-2004	Applicant has submitted new drawings to correct Corrected Paper
06-17-2004	Corrected Paper
03-11-2004	Cleared by OIPE CSR
02-06-2004	IFW Scan & PACR Auto Security Review
01-28-2004	Initial Exam Team nn

If you need help:

- *Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail about Patent Application Information Retrieval (PAIR).*
- *Send general questions about USPTO programs to the USPTO Contact Center (UCS).*
- *If you experience technical difficulties or problems with this application, please re-business support or call 1 800-786-9199.*
